

Form PTO-449 (AP 59)

Applicant: Kazuhide Nakajima et al.

Serial No.: 18/523,460

Filing Date: February 6, 2005

For:

Sheet 1 of 3

Confirmation No.: 5805

Att'y Docket No.: 14321.65

Art Unit: 2872

SINGLE MODE OPTICAL FIBER WITH ELECTRON VACANCIES

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
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Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>	<u>Translation</u>
MC 1	09-274118	10/21/1997	Japan	No
MC 2	11-218632	08/10/1999	Japan	No
MC 3	2000-356719	12/26/2000	Japan	No
MC 4	2001-033647	02/09/2001	Japan	No
MC 5	2001-147338	05/29/2001	Japan	No
MC 6	2004-226539	08/12/2004	Japan	No

Other Documents

(including author, title, pertinent pages, etc.)

Examiner
Initial*

MC 7	G.P. Agrawal, <i>Nonlinear Fiber Optics</i> , Second Edition, Section 2.3.1, Nonlinear Pulse Propagation, Academic Press 1995, pp. 37-43.
MC 8	<i>Characteristics of a Single-Mode Optical Fibre Cable</i> , ITU-T Recommendation G.652, October 2000.

Examiner:	/Michelle Connelly Cushwa/	Date Considered:	09/21/2006
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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- MC 9 T. Hasegawa et al., *Modeling and Design Optimization of Hole-Assisted Lightguide Fiber by Full-Vector Finite Element Method*, Proceedings 27th European Conference on Optical Communication (ECOC 2001), pp. 324-325.
- MC 10 B.J. Eggleton et al., *Cladding-Mode-Resonances in Air-Silica Microstructure Optical Fibers*, Journal of Lightwave Technology, Vol. 18, No. 8, August 2000, pp. 1084-1100.
- MC 11 Bing Yao et al., *A Study of Utilization of Holey Fibers*, The Institute of Electronics, Information and Communication Engineers, Technical Report of IEICE, January 2003, pp. 47-50, with English translation.
- MC 12 Takemi Hasegawa, *Recent Advances in Photonic Crystal Fibers and Holey Fibers*, The Institute of Electronics, Information and Communication Engineers, Technical Report of IEICE, December 2001, pp. 13-18, with English translation.
- MC 13 Takemi Hasegawa et al., *Novel Hole-Assisted Lightguide Fiber Exhibiting Large Anomalous Dispersion and Low Loss Below 1 dB/km*, Optics & Photonics News, Vol. 12, Issue 6, June 2001.
- MC 14 Jian Zhou et al., *A Study on Bending Loss Characteristics of Hole Assisted Optical Fiber*, NTT Access Network Service Systems Laboratories, NTT Corporation, 2003, pp. 632, with English translation.
- MC 15 Jian Zhou et al., *Application of PCF to Optical Fiber Wiring in Residential and Business Premises*, The Institute of Electronics, Information and Communication Engineers, Technical Report of IEICE, January 2003, pp. 41-46, with English translation.

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Form PTO-1449

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Sheet 3 of 3

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References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner:

Michelle R. Connolly-Cushwa

Date Considered:

9/21/06

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